Name_____

Reteaching Page
8.9 – Percent Problems

Percent problems can be solved with multiplication or as a proportion.

To find 35% of 60

Multiplication	**Proportion**

Multiplication

- Turn the percent into a decimal.
    - 35% is 0.35
- Multiply.
    - 0.35 * 60 = 21

Proportion

Create a proportion.

35 % is 35:100

$$\frac{35}{100} = \frac{n}{60}$$ Use the Stoney Method to solve!

35 * 60 = 2100 ÷ 100 = 21

Practice using the Multiplication Method.

25% of 400 = _____

    25% is _____

    _____ * 400 = _____

20% of 300 = _____

    20% is _____

    _____ * 300 = _____

32% of 10 = _____

    32% is _____

    _____ * 10 = _____

5% of 500 = _____

    20% is _____

    _____ * 500 = _____

Practice using proportions

25% of 400 = _____

$$\frac{\quad}{100} = \frac{n}{400}$$ Use the Stoney Method to solve!

20% of 300 = _____

$$\frac{\quad}{\quad} = \frac{n}{\quad}$$ Use the Stoney Method to solve!

32% of 10 = _____

$$\frac{\quad}{\quad} = \frac{n}{\quad}$$ Use the Stoney Method to solve!

5% of 500 = _____

$$\frac{\quad}{\quad} = \frac{n}{\quad}$$ Use the Stoney Method to solve!

_____ NC sales tax is 6.75 %. Which of the following is the same as 6.75%?

a. 675　　　　　　　　b. 0.675　　　　　　　　c. 0.0675　　　　　　　　d. 0.00675